Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 13 Dec 2020 until 23:59 on Monday 14 Dec 2020

Forecast Issued on Sunday 13 Dec 2020 at 02:54

Confidence: High confidence for the beginning of the period but lower confidence in the forecast from Wednesday.

Headline for Sunday 13 Dec 2020: Turning wet, with rain spreading east, and persisting for much of the day. Windy

Mountain weather hazards on Sunday 13 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sleet	Heavy Rain	Heavy Rain	Light rain	Heavy rain showers (night)
Precipitation probability					
60%	80%	80%	60%	50%	30%

Forecast for Sunday 13 Dec 2020

Weather: Soon after daybreak a band of rain will spread into the Yorkshire Dales from the west. The rain may briefly fall as sleet or snow on the highest tops at first. Rain will be heavy at times and quite persistent through the middle of the day, but likely clearing around nightfall. Clearer spells possible for a time, before further heavy showers spread east towards midnight.

Chance of cloud free mountain/hill tops above 600m: Near 0% for much of the day with tops above 500m shrouded in cloud, and some patches down to 400m in the west. Improving to 60% during the evening, with broken cloud at 600m.

Visibility: Visibility will be moderate but become quite poor in heavier rain in the middle of the day. In general navigation will be tricky at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 13 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 SE	20/29 SE	25/35 SE	25/35 SE	23/33 S	23/33 S	24/36 S
300	4/15 SE	14/30 SE	16/34 SE	16/35 SE	14/30 S	16/33 S	15/32 S
Valley	6/17 SE	11/25 SE	14/34 SE	15/37 SE	13/30 S	13/32 S	14/33 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-6	2/-5	3/-3	6/2	6/1	6/0
300	3/1	3/-1	4/-0	6/2	8/5	8/4	8/4
Valley	4/1	5/1	6/2	7/4	10/7	10/7	9/6
Freezing Level*	700m	1100m	2100m	2200m	1600m	1600m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, however, with the rain and strong winds. Gales widely at height, especially across higher tops, with gusts of around 50mph possible above 700m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 13 Dec 2020	1.6mm	5mm	11.4mm

Forecast for Monday 14 Dec 2020

Weather: Frequent, heavy and blustery showers through the day. These perhaps aligning to give persistent rain across some western hills. The best of any drier or brighter intervals in the east.

Maximum wind: Southwesterly 30mph gust 40-45mph at first, easing to Southerly 20-25mph gust 30-40mph during the evening.

Chance of cloud free mountain/hill tops above 600m: 40%, although scattered cloud shrouding some tops above 600m at times, especially around more westerly hills

Visibility: Mainly moderate or good but becoming poor at times in rain.

Temperature: **Valleys:** Plus 9 Celsius.
At 600m: Plus 4 Celsius
Freezing level: Above the summits.

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